

Title (en)

LOW FRICTION HYDROPHILIC SURFACES

Title (de)

REIBUNGSARME HYDROPHILE OBERFLÄCHE

Title (fr)

SURFACES HYDROPHILES A FAIBLE COEFFICIENT DE FROTTEMENT

Publication

EP 1003806 A2 20000531 (EN)

Application

EP 99923228 A 19990518

Priority

- US 9911085 W 19990518
- US 8152798 A 19980519

Abstract (en)

[origin: WO9960051A2] Novel manufactures are provided having surfaces which upon contact with water promptly provide for high and permanent lubricity. The surfaces involve a carboxylic acid functionality which at least in part is present as an ester and/or amide and/or salt. Various polymers are used with a wide variety of solid polymeric carriers. The surfaces may be achieved by applying a solution onto the carrier and then heating, by coextrusion of the coating and the carrier or by contacting the carrier with the polymer.

IPC 1-7

C08J 7/04; **A61L 17/00**

IPC 8 full level

A61L 17/14 (2006.01); **A61L 29/14** (2006.01); **C08J 7/04** (2006.01); **C08J 7/046** (2020.01); **C08J 7/056** (2020.01)

CPC (source: EP US)

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Citation (search report)

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